

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"7580349".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/25 15:20
L2	16	("20020067726"   "20020087699"   "20020136204"   "20020150093"   "20030165139"   "20030169749"   "20030210694"   "20050185654"   "5893911"   "5995503"   "6594260"   "6631134"   "6850980"   "6856627"   "6876668"   "6950391").PN. OR ("7580349").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/25 15:49
L3	1	"7106969".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/25 15:56
L4	2	"20030002100"	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/25 16:00
S1	5	"2001025376"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/16 13:54
S2	0	"2001/025376"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/16 13:56
S3	134	725/75.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/16 13:56
S4	2	S3 and ring-shaped	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/16 13:57
S5	2	"6847642".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/16 14:09

S6	1	"725".clas. and((ring-shaped) same (optical near3 network))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/16 14:19
S7	3	"725".clas. and((ring-shaped) and (optical near3 network))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/16 14:19
S8	144	(ring-shaped) and (optical near3 network) and wavelength	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/16 14:30
S9	51	S8 and (optical near2 coupler)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/16 14:31
S10	1	S8 and (motor near2 vehicle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/16 14:51
S11	1	S8 and (motor near5 vehicle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/16 14:51
S12	4	S8 and ( vehicle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/16 14:52
S13	3	(ring-shaped) and (optical near3 network) and (motor near5 vehicle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/16 14:53
S14	3604	(ring-shaped) and (motor near5 vehicle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/16 15:02

S15	620	(ring-shaped) same (motor near5 vehicle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/16 15:02
S16	7	S15 and video	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/16 15:03
S17	2	"6765916".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/16 15:28
S18	2	"20010025376"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/16 15:31
S19	2	"20010025376"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/16 15:44
S20	2	"5935214".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/16 17:05
S21	2	"20020158879"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/16 17:11
S22	2	"6160990".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/16 17:22
S23	1	((ring-shaped) same (optical near3 wavelength) )and (motor near5 vehicle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/16 17:52

S24	159	((ring-shaped) same (optical near3 wavelength) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/16 17:53
S25	9	((ring-shaped) same (optical near3 wavelength) )and (data near5 channel\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/16 17:54
S26	2	"6441955".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/16 18:09
S27	4	((ring-shaped) same (optical near3 wavelength) ) and (internet near2 protocol)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/16 18:23
S28	2	(ring-shaped) same (internet near2 protocol)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/16 18:24
S29	57	(ring-shaped) and (internet near2 protocol)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/16 18:26
S30	2	"6441955".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/17 09:43
S31	2	"20020158879"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/17 10:39
S32	12	(larger adj1 bandwidth) same (internet adj1 protocol)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/17 12:07

S33	55	(large\$1 adj1 bandwidth) same (internet adj1 protocol)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/17 12:21
S34	4	(ring-shape\$1) and (large\$1 adj1 bandwidth) and (internet adj1 protocol)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/17 12:31
S35	1199	(large\$1 adj1 bandwidth) and (internet adj1 protocol)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/17 12:34
S36	2	"6687227".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/17 12:35
S37	1199	(large\$1 adj1 bandwidth) and (internet adj1 protocol)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/17 12:37
S38	55	(large\$1 adj1 bandwidth) same (internet adj1 protocol)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/17 12:37
S39	2	"5935214".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/17 12:47
S40	2	"6062555".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/17 12:49
S41	2	"6052555".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/17 12:49

S42	2	"20010025376"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/15 21:46
S43	2	"5574514".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/15 21:48
S44	2	"20020158879"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/16 11:23
S45	2	"20010025376"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/16 11:59
S46	2	"20020120931"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/16 12:24
S47	2	"6986156".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/16 12:37
S48	43	(on\$demand "vod") same ((diferent multiple plurality) near3 (vesion\$1 format\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/16 12:56
S49	16	S48 and ((@ad<="20010220") (@rlad<="20010220") (@prad<="20010220"))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/16 12:58
S50	0	(on\$demand "vod") near5 ((diferent multiple plurality) near3 (vesion\$1 ))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/16 13:03

S51	0	video near5 ((different multiple plurality) near3 (vesion\$1 ))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/16 13:03
S52	229	video near5 ((different multiple plurality) near3 (version\$1 ))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/16 13:03
S53	81	(on\$demand "vod") same ((different multiple plurality) near3 (version\$1 format\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/16 13:04
S54	38	S53 and ((@ad<="20010220") (@rlad<="20010220") (@prad<="20010220"))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/16 13:04
S55	3	"20030059160"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/21 15:58
S56	1	"20080303959"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/21 16:29
S57	3	"20030059160"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/22 10:20
S58	3	"20030059160"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/25 13:21
S59	2	"20020158879"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/25 14:04

S60	4	(ring\$shaped) same(optical near3 (wavelength network)) same (optical near3 coupler) same filter \$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/08/02 15:07
S61	7	(ring\$shaped) same(optical near3 (wavelength network)) same ( coupler) same filter\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/08/02 15:10
S62	0	"20020158879"	USPAT	OR	OFF	2009/08/02 15:39
S63	1	"20020158879"	US-PGPUB; USPAT	OR	OFF	2009/08/02 15:39
S64	0	(ring4shaped) same (Most near3 bus)	US-PGPUB; USPAT	OR	OFF	2009/08/02 15:57
S65	4	(ring\$shaped) same (Most near3 bus)	US-PGPUB; USPAT	OR	OFF	2009/08/02 15:58
S66	4	(ring\$shaped circular\$shape) same (Most near3 bus)	US-PGPUB; USPAT	OR	OFF	2009/08/02 16:25
S67	4	(ring\$shaped circular\$shape) same ((optical near3 coupler) with filter)	US-PGPUB; USPAT	OR	OFF	2009/08/02 16:26
S68	32	(ring\$shaped circular\$shape) same ((optical near3 coupler) )	US-PGPUB; USPAT	OR	OFF	2009/08/02 16:27
S69	2	"6785472".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/08/03 10:52
S70	2	"6765916".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/08/03 11:07
S71	2	"20010025376"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/08/03 11:08
S72	2	"6785472".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/08/03 11:25



S73	2	"6785472".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/08/03 11:42
S74	161	725/75.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/08/03 14:08
S75	2	S74 and (ring\$shape\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/08/03 14:09
S76	26	"725"/\$.ccls. and (ring\$shape\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/08/03 14:10
S77	113	"725"/\$.ccls. and (optical near3 wavelength)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/08/03 14:16
S78	63	"725"/\$.ccls. and (optical near3 wavelength) and filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/08/03 14:18
S79	33	(motor near5 vehicle) same (optical near3 coupler)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/09 17:52
S80	1	(radio near5 vehicle) same (optical near3 coupler)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/09 17:57
S81	4	(radio near5 vehicle) same (optical near3 network)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/09 17:57

S82	21	(circular near5 ring) same (optical near3 coupler)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/09 18:03
S83	7	(radio near5 (car vehicle)) same (optical near3 (coupler network))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/09 18:08
S84	333	(radio near5 (car vehicle)) and (optical near3 (coupler network))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/09 18:11
S85	43	(radio near5 (car vehicle)) and (optical near3 (coupler wavelength))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/09 18:12
S86	2	(radio near5 (car vehicle)) same (optical near3 (coupler wavelength))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/09 18:12
S87	2	"6785472".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/11 14:01
S88	2	"6769127".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/11 16:24
S89	5	"2006063623"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/11 16:25
S90	0	"2006663623"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/11 16:26

S91	90	(optical near5 (coupler\$1 connection))same (different near3 (bandwidth range))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/02 10:42
S92	223	(optical near5 (coupler\$1 connection network))same (different near3 (bandwidth range))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/02 10:44
S93	10	S92 and (ring\$shap\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/02 10:44
S94	10	S92 and (ring near5 shap\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/02 10:47
S95	168	S92 and ((@ad<="20031219") (@rlad<="20031219") (@prad<="20031219"))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/02 10:48
S96	21	(optical near5 (coupler\$1 connection network))same (bandwidth range)same (ring near3 shap\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/02 11:18
S97	262	(optical near5 (coupler\$1 connection network))same (bandwidth range)and (ring near3 shap\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/02 11:20
S98	160	S97 and ((@ad<="20031219") (@rlad<="20031219") (@prad<="20031219"))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/02 11:20
S99	45	S98 and (car\$1 vehicle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/02 11:21

S100	2	"6850318".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/02 11:26
S101	90	(optical near5 (coupler\$1 connection network))with (different near3 (bandwidth range))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/02 11:30
S102	67	S101 and ((@ad<="20031219") (@rlad<="20031219") (@prad<="20031219"))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/02 11:31
S103	91	(optical near5 (coupler\$1 connection network))with ((different various) near3 (bandwidth range))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/02 11:41
S104	169	(optical near5 (coupler\$1 connection network))with ((different various) near3 (bandwidth band range))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/02 11:41
S105	68	S103 and ((@ad<="20031219") (@rlad<="20031219") (@prad<="20031219"))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/02 11:41
S106	2	"7181511".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/02 11:49
S107	0	("7181511").URPN.	USPAT	OR	OFF	2010/03/02 12:31
S108	0	("7181511").URPN.	USPAT	OR	OFF	2010/03/02 12:31

S109	30	("20050085963"   "3394349"   "5522042"   "5764915"   "5794164"   "5812771"   "5946694"   "5956719"   "6032202"   "6052750"   "6085236"   "6148253"   "6160796"   "6175855"   "6185491"   "6275865"   "6275870"   "6336128"   "6349352"   "6377860"   "6430164"   "6505100"   "6654669"   "6671745"   "6684401"   "6813777"   "6901439"   "6938258"   "H001964").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/02 12:33
S113	0	(most near4 bust)same (optical near5 network)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/09 14:33
S114	0	(most near4 bust)and (optical near5 network)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/09 14:37
S115	1502	(optical near5 network)near5 bandwidth	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/09 14:38
S116	89	(optical near5 network)near5 ( bandwidth near5 channel\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/09 14:38
S120	210	(optical near5 network) same ((different var\$4) near5 bandwidth)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/09 16:09
S121	155	S120 and ((@ad<="20031219") (@rlad<="20031219") (@prad<="20031219"))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/09 16:10
S122	2	S121 and (ring\$shap\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/09 16:14

S123	2	S121 and (ring near4 shap\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/09 16:17
S124	80	S121 and (ring circular)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/09 16:17
S125	11	(optical near5 network) same ( channel\$1 near5(different ) near5 bandwidth\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/09 16:44
S126	67	725/75.ccls. and optical	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/09 17:05
S127	11	725/75.ccls. and (optic\$2 near4 (network link))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/09 17:16
S128	2	725/75.ccls. and (optic\$2 near4 wavelength)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/09 17:35
S129	139	"725"/\$.ccls. and (optic\$2 near4 wavelength)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/09 17:38
S130	101	S129 and ((@ad<="20031219") (@rlad<="20031219") (@prad<="20031219"))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/09 17:39
S131	5	S130 and (circular or (ring near4 shap\$2))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/09 17:42

S132	2	"20040049789"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/10 09:25
S133	2	"6765916".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/10 09:39
S134	2	"7451471".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/10 09:49
S135	1	725/75.ccls. and (channel\$1 near5 (different near4 bandwidth\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/10 09:51
S136	132	"725"/\$.ccls. and (channel\$1 near5 (different near4 bandwidth\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/10 09:52
S137	118	S136 and ((@ad<="20031219") (@rlad<="20031219") (@prad<="20031219"))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/10 09:53
S138	29	S137 and (optical near5 (network fiber41))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/10 09:57
S139	64	S137 and (optical or (ring near5 shap\$2))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/10 10:11
S140	9	725/75.ccls. and (channel\$1 near5 ( range bandwidth\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/10 10:17

S141	1094	(optical near5 (network fiber\$1)) same ((different multiple) near5 bandwidth\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/10 10:26
S142	857	S141 and ((@ad<="20031219") (@rlad<="20031219") (@prad<="20031219"))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/10 10:27
S143	21	S142 and (car or (motor near3 vehicle))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/10 10:28
S144	344	(optical near5 (network fiber\$1)) with ((different multiple) near5 bandwidth\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/10 10:31
S145	271	S144 and ((@ad<="20031219") (@rlad<="20031219") (@prad<="20031219"))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/10 10:31
S146	27446	(optical near5 (network link)) same (optical near4 fiber\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/10 11:23
S150	2561	(channel\$1 near10 (different multiple) near4 bandwidth\$1)	USPAT	OR	OFF	2010/03/10 11:30
S151	5414	(channel\$1 near10 (different multiple) near4 bandwidth\$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/10 11:31
S152	4	S146 same S151	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/10 11:31
S153	532	S146 and S151	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/10 11:34
S154	465	S153 and ((@ad<="20031219") (@rlad<="20031219") (@prad<="20031219"))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/10 11:34
S155	8	S154 and (ring near4 shap\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/10 11:35



S156	2	"20010025376"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/10 11:43
S157	2	"20060095939"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/10 11:49
S158	2	"6785472".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/10 12:10
S159	4	("6785472").URPN.	USPAT	OR	OFF	2010/03/10 12:10
S160	4	("6404940"   "6583901"   "6785472").PN. OR ("6970617"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/10 12:32
S161	1	"5935214".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/10 13:15
S162	1	"20040098752"	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/10 13:30
S163	16	09/283545	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/10 13:36
S164	1	(ring-shaped) same (channel\$1 near4 bandwidth)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/20 14:24
S165	3	(ring-shaped) same (different near5 bandwidth)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/20 14:24
S166	351	(optical near5 network) same (different near5 bandwidth)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/20 14:26
S167	120	(optical near5 network) with (different near5 bandwidth)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/20 14:26

S168	100	S167 and ((@ad<="20031219") (@rlad<="20031219") (@prad<="20031219"))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/20 14:27
S169	1038	(optical near5 network)same (channel\$1 near4 different near5 (bandwidth wavelength))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/20 16:40
S170	845	S169 and ((@ad<="20031219") (@rlad<="20031219") (@prad<="20031219"))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/20 16:40
S171	834	S170 and (optical near4 network)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/20 16:43
S172	305	S170 and (optical near4 coupler)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/20 16:43
S173	3	"20050045810"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/20 22:47
S174	430	"359"/\$.ccls. and (different near5 bandwidth)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/25 09:39
S175	283	"359"/\$.ccls. and (different near3 bandwidth)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/25 09:40
S176	223	S175 and ((@ad<="20031219") (@rlad<="20031219") (@prad<="20031219"))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/25 09:41